## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

Daily Target Flow for			2/22/2022	to	2/28/2022	1043	cfs
Observed Stage Date							
Observed Stage Data							
<u>Station</u>	<u>Variable</u>			on	2/18/2022	<u>Value</u>	
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage						ft-NGVD29
NESRS2	Average Daily Stage						ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage					10.18	ft-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	2/12/2022	to	2/18/2022	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow					0	cfs
S-12C	7-day Average Daily Flow					0	cfs
S-12D	7-day Average Daily Flow					330	cfs
S-333	7-day Average Daily Flow					322	
S-333N	7-day Average Daily Flow					465	
S-334	7-day Average Daily Flow						cfs
S-12s Total	7-day Average Daily Flow					330	cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow					787	cfs
Total Flow to ENP	7-day Average Daily Flow					1117	cfs
Meteorological Data							
<u>Forecasted</u>		From	2/19/2022	to	2/25/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	st (QPF)					0.06	in
3AS3WX - 7-day Total Forecasted PET						0.93	in
Observed		From	2/12/2022	to	2/18/2022	Value	Unit
WCA-3 7-day Total Observed NEXRAD Rainfall		110111	2/12/2022		2/10/2022	1.08	
3AS3WX 7-day Total Observed PET						0.93	
SASSWA 7-day Total Observed FLT						0.53	III
	TTFF Ap	plication	on				
1 Previous week target flow (calc	Previous week target flow (calculated with forecasted 7-day QPF and PET)					1090	cfs
2 Previous week target flow (reca	2 Previous week target flow (recalculated with observed rainfall and PET)					1103	cfs
3 Adjustment for forecast (2-1)	Adjustment for forecast (2-1)					13	cfs
4 This week calculated target flow	This week calculated target flow					1030	cfs
5 This week target flow with adju	This week target flow with adjustment (3 + 4)					1043	cfs
Average Daily Target Flow <sup>2</sup>						1043	cfc

Target flow is distributed from east to west (S-333, S-12D, S-12C, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

Forecast Precipitation (β4)

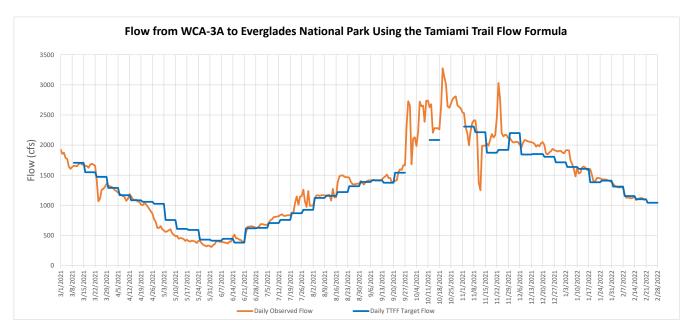
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



 $<sup>^{1}</sup>$ S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

<sup>&</sup>lt;sup>2</sup>Actual discharges may vary from target discharges because of changing hydrologic conditions.